

NOTES:

- EXISTING UTILITIES AND PROPERTY LINE INFORMATION SHOWN ON THIS PLAN IS TAKEN FROM A FIELD SURVEY PERFORMED BY ROLAND GARDNER LAND SURVEYOR, WILTON, CT, DATED: SEPTEMBER 21, 2005. SCALE: 1"=80'. TOPOGRAPHY SHOWN ON THIS PLAN IS TAKEN FROM THE "TOPOGRAPHIC MAP AND TREE LOCATION SURVEY" PREPARED BY ROLAND H. GARDNER LAND SURVEYOR, DATED SEPTEMBER 21, 2005. SCALE: 1"=40'.
- THE INLAND WETLANDS INDICATED ON THIS PLAN WERE FLAGGED BY MB SOIL MAPPING OF DURHAM, CT, ON FEBRUARY 24 AND MARCH 4, 2004. WETLAND FLAGS WERE FIELD LOCATED BY ROLAND GARDNER, LAND SURVEYOR.
- LOCATIONS OF EXISTING UNDERGROUND STRUCTURES AND UTILITIES INDICATED HEREON ARE TAKEN FROM DESIGN DRAWINGS, FIELD OBSERVATIONS, AND OTHER SOURCES OF INFORMATION AND ARE NOT TO BE CONSTRUED AS AN ACCURATE "AS-BUILT" SURVEY. THE CONTRACTOR IS RESPONSIBLE FOR HAVING THE EXISTING UTILITIES MARKED OUT IN THE FIELD, EXCAVATE TEST HOLES, AND PERFORM WHATEVER ADDITIONAL INVESTIGATION IS REQUIRED TO PRESERVE THE INTEGRITY AND OPERATION OF EXISTING UTILITIES AND STRUCTURES TO REMAIN.
- THE PURPOSE OF THIS PLAN IS TO INDICATE THE CONSTRUCTION OF A NEW 4 BEDROOM RESIDENCE WHICH WILL BE SERVED BY ON-SITE SEPTIC AND PRIVATE WELL. THE PROPOSED LAYOUT, INCLUDING HOUSE, DRIVEWAY AND SEPTIC SYSTEM IS ONE OF MANY POSSIBLE DESIGNS. ALL NEW UTILITIES SHALL BE UNDERGROUND.
- ALL CONSTRUCTION SHALL CONFORM TO THE TOWN OF WILTON STANDARD DETAILS AND SPECIFICATIONS. IN THE ABSENCE OF LOCAL STANDARDS, THE WORK SHALL CONFORM TO THE REQUIREMENTS OF THE CONNECTICUT DEPARTMENT OF TRANSPORTATION SPECIFICATION FORM 818, LATEST REVISION.
- SOIL AND EROSION CONTROL MEASURES SHOWN HEREON SHALL BE PROPERLY INSTALLED PRIOR TO THE START OF CONSTRUCTION, INSPECTED AND REPAIRED WEEKLY AND BEFORE AND AFTER STORM EVENTS, AND MAINTAINED IN FUNCTIONAL CONDITION THROUGHOUT THE CONSTRUCTION PERIOD.
- THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS PRIOR TO THE COMMENCEMENT OF THE WORK.
- SEE SHEET SE2, CONSTRUCTION NOTES AND DETAILS FOR ADDITIONAL SEPTIC SYSTEM DESIGN INFORMATION AND CONSTRUCTION DETAILS.
- MAXIMUM ALLOWABLE RETAINING WALL HEIGHT IS 6'. ANY RETAINING WALL OVER 5' IN HEIGHT REQUIRES A 4" HIGH FENCE ALONG THE TOP OF THE WALL.
- ANTICIPATED DISTURBANCE TO SLOPES IN EXCESS OF 15% GRADE FOR THE PROPOSED DEVELOPMENT IS APPROXIMATELY 4800 SF AND APPROXIMATELY 2500 SF FOR THE EASEMENT.

SEDIMENT AND EROSION CONTROL NARRATIVE:

THE PURPOSE OF THE SEDIMENT AND EROSION CONTROL PLAN, DETAILS AND NOTES IS TO OUTLINE A PROGRAM THAT MINIMIZES THE SOIL EROSION DURING CONSTRUCTION. THE PRIMARY POLICIES OF THIS PROGRAM ARE:

- AVOIDANCE & MINIMIZATION BY RETAINING THE NATURAL VEGETATION WHENEVER FEASIBLE AND EXPOSE THE SMALLEST PRACTICAL AREA AT ONE TIME.
- TRAPPING PARTICLES AT THE SOURCE BY PROMPTLY STABILIZING AND REVEGETATING DISTURBED AREAS.
- AVOIDING THE CONCENTRATION OF WATER AND RUNOFF.
- AVOIDING THE CONTAMINATION OF STORM DRAINS.
- MAINTAINING THE EROSION CONTROLS TO ENSURE THAT THEY ARE FUNCTIONING PROPERLY BY PERFORMING WEEKLY INSPECTIONS AND AFTER STORM EVENTS.
- DISPOSAL OF COLLECTED SILT AND SEDIMENT LEGALLY AND IN KEEPING WITH THE INTENT OF THIS PLAN.

CONSTRUCTION SEQUENCE:

A. GENERAL

- PROJECT START: WINTER 2020
- PROJECT COMPLETION: WINTER 2021
- BASED ON RECEIVING TIMELY APPROVALS
- THE PROPOSED CONSTRUCTION SEQUENCE IS PROVISIONAL.
- THE SITE WORK DEPICTED ON THIS PLAN SHALL BE PHASED. EACH PHASE SHALL BE COMPLETED AND STABILIZED PRIOR TO THE START OF THE NEXT PHASE. THIS IS TO REDUCE EXPOSED SOIL AREAS AT ANY ONE TIME ON SITE.

B. SITE PREPARATION

- REVIEW THE SEDIMENT AND EROSION CONTROL PLAN WITH THE CONSTRUCTION TEAM, SITE ENGINEER AND CONSERVATION OFFICER.
- INSTALL THE TRACKING PAD FOR THE CONSTRUCTION ACCESS AND INSTALL SILT FENCE ALONG THE LIMITS OF DISTURBANCE AS SHOWN ON THE PLANS.
- FLAG AND/OR FENCE OFF ALL TREES TO BE PROTECTED.
- CUT TREES TO BE REMOVED AND GRUB AREAS TO BE CLEARED WITHIN THE DEVELOPMENT ENVELOPE AS APPROPRIATE.
- STRIP TOPSOIL AND STOCKPILE IN DESIGNATED AREAS. SURROUND TOPSOIL WITH SILT FENCE AND SEED AND MULCH STOCKPILES TO CONTAIN SEDIMENTS.

C. GENERAL SITE CONSTRUCTION:

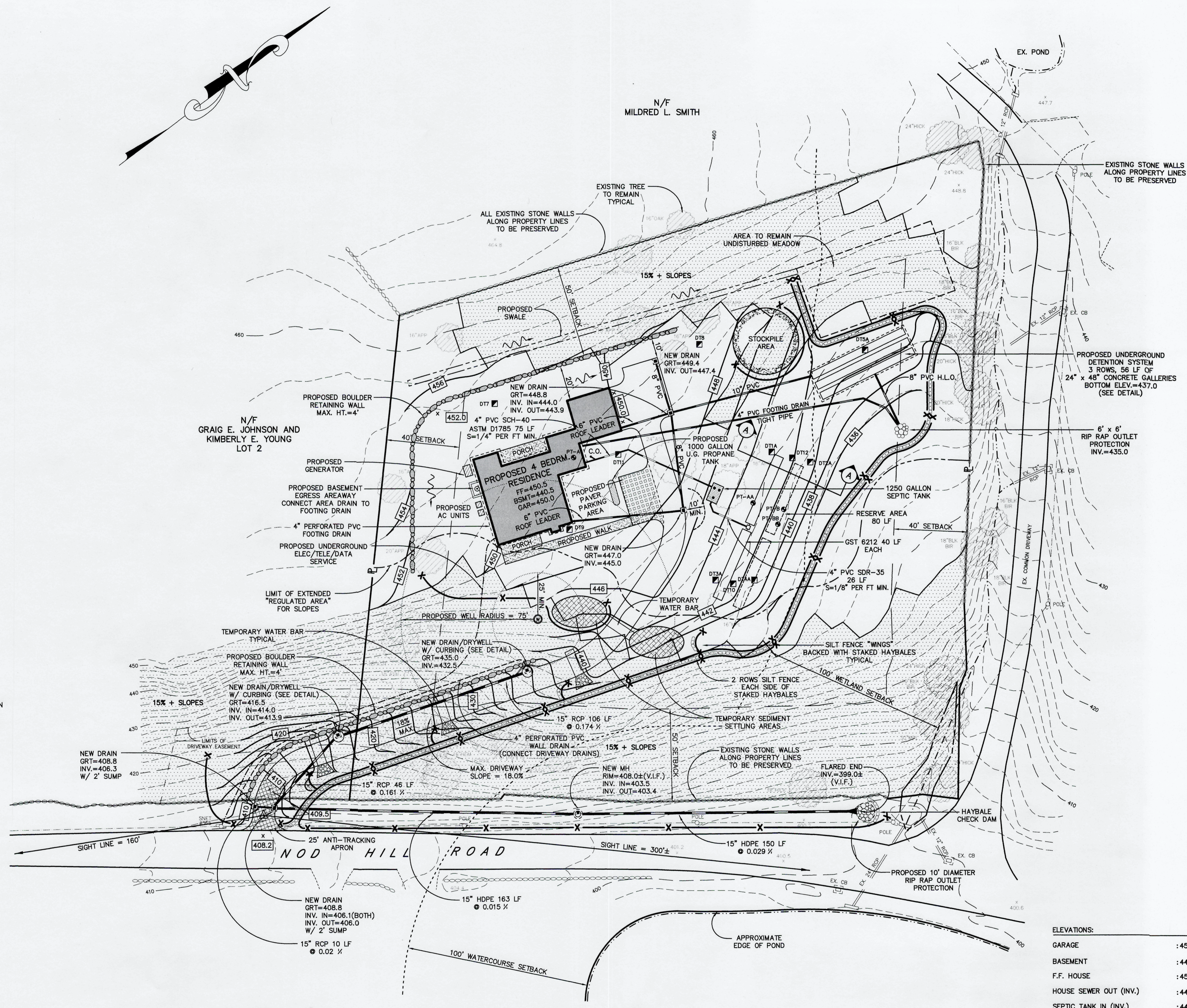
- INSTALL ANTI-TRACKING APRON AT CONSTRUCTION ENTRANCE. INSTALL ALL OTHER SOIL EROSION AND SEDIMENT CONTROL MEASURES AS INDICATED OR REQUIRED.
- ROUGH GRADE THE PROPOSED DRIVEWAY AND PREPARE THE DRIVEWAY SUBGRADE.
- INSTALL THE DRIVEWAY WATER BARS AND SEDIMENT SETTLING AREA.
- INSTALL THE STORM SEWER AND ADDITIONAL SEDIMENT AND EROSION CONTROLS ASSOCIATED WITH THE PROPOSED STORM SEWER SYSTEM.
- PERFORM GENERAL EARTHWORK ACTIVITIES INCLUDING EXCAVATION AND FILLING ONLY AFTER DRIVEWAY IS STABILIZED WITH A GRAVEL BASE AND THE STORM SEWER SYSTEM IS COMPLETE.
- INSTALL THE OTHER UTILITIES, INCLUDING THE ELECTRIC, CABLE TV AND TELEPHONE.
- STABILIZE DISTURBED AREAS AS SOON AS PRACTICAL.

D. BUILDING CONSTRUCTION:

- PERFORM GENERAL OUT AND FILL OPERATIONS.
- INSTALL THE HOUSE FOUNDATION AND FLOOR SLAB.
- BACKFILL THE FOUNDATIONS AND CONNECT BUILDING UTILITIES.
- CONSTRUCT THE BUILDING SUPERSTRUCTURE.
- INSTALL WATER SUPPLY WELL AND ON-SITE SEWAGE DISPOSAL SYSTEM. HOUSE EXCAVATION MUST BE STABILIZED PRIOR TO BEGINNING SEPTIC EXCAVATION.
- FINE GRADE ALL DISTURBED AREAS, STABILIZE AND SEED AS SOON AS PRACTICAL.
- INSTALL PAVING ON DRIVES AND PARKING AREAS. COMPLETE ALL WALKWAYS AND SITE HARDSCAPE.
- INSTALL LANDSCAPING AND SEED.

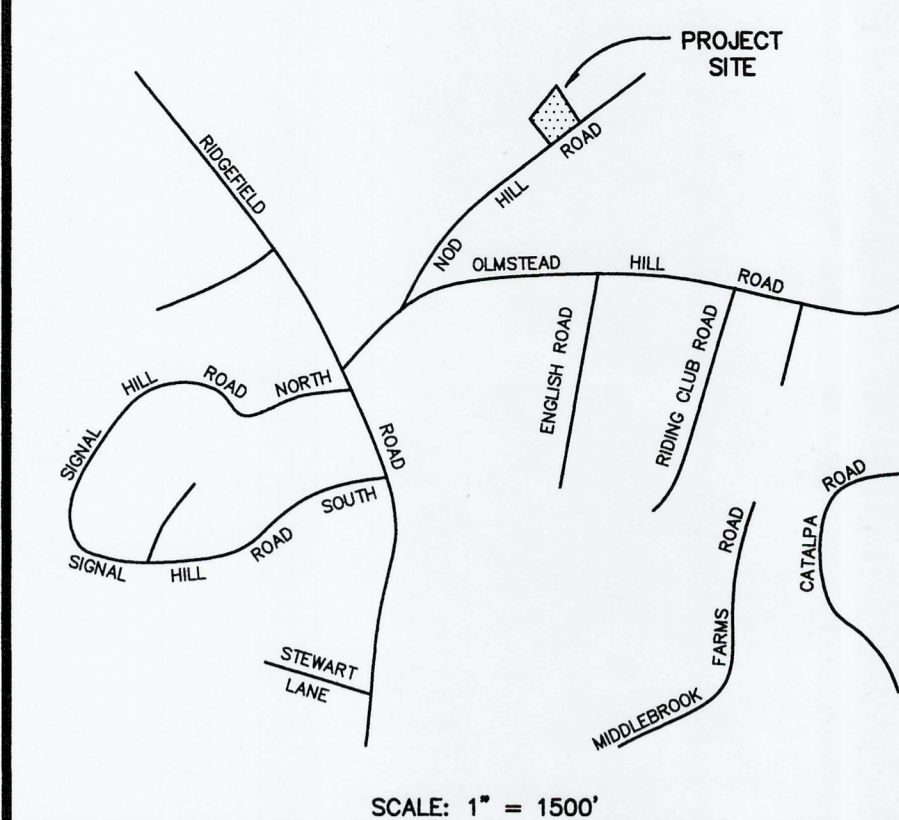
E. GENERAL CLEAN UP:

- REMOVE TEMPORARY SEDIMENT AND EROSION CONTROLS.
- MAINTAIN PERMANENT SEDIMENT AND EROSION CONTROLS.
- COMPLETE ALL PUNCH LIST ITEMS.



ELEVATIONS:

GARAGE	:450.0
BASEMENT	:440.5
F.F. HOUSE	:450.5
HOUSE SEWER OUT (INV.)	:445.5
SEPTIC TANK IN (INV.)	:443.5
SEPTIC TANK OUT (INV.)	:443.25
1st FIELD (INV. AT DB)	:442.0
(GST BOTTOM)	:441.0



ORIENTATION

GENERAL SEDIMENT AND EROSION CONTROL NOTES:

- SEDIMENT AND EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO THE START OF CONSTRUCTION.
- COORDINATE THE CONSTRUCTION PHASING WITH THE TOWN OF WILTON CONSERVATION/WETLANDS STAFF PRIOR TO BEGINNING WORK IN EACH PHASE.
- EXISTING TREES TO BE SAVED SHALL BE PROTECTED BY FLAGGING AND/OR SNOW FENCING AT THE DRIP LINE WHICH SHALL BE MAINTAINED DURING CONSTRUCTION.
- ANTI-TRACKING APRON SHALL BE INSTALLED AT THE START OF CONSTRUCTION AND MAINTAINED THROUGHOUT CONSTRUCTION. APRON SHALL CONSIST OF 2" - 4" CRUSHED STONE WITH A MINIMUM THICKNESS OF 6 INCHES.
- SILT FENCE AND OTHER SEDIMENT CONTROL MEASURES MUST BE INSTALLED IN ACCORDANCE WITH THE DRAWINGS AND SPECIFIC MANUFACTURER'S RECOMMENDATIONS.
- SILT FENCE SHALL BE MIRAFI ENVROFENCE OR EQUIVALENT APPROVED BY THE DESIGN ENGINEER. FILTER FABRIC SHALL BE MIRAFI 100X OR EQUIVALENT.
- ADDITIONAL SEDIMENT AND EROSION CONTROLS MAY BE INSTALLED DURING THE CONSTRUCTION PERIOD IF FOUND NECESSARY BY THE INSPECTING ENGINEER OR ANY GOVERNING AGENCY.
- AFTER EACH STORM EVENT OR AT LEAST ONCE WEEKLY, ALL SEDIMENT AND EROSION CONTROLS WILL BE INSPECTED. CORRECTIVE MEASURES TO MITIGATE ENVIRONMENTAL CONCERNS WILL BE ORDERED BY THE DESIGN ENGINEER OR GOVERNING AGENCY IF REQUIRED.
- ALL PERMANENT AND TEMPORARY SEDIMENT CONTROL MEASURES WILL BE MAINTAINED IN EFFECTIVE CONDITION THROUGHOUT THE CONSTRUCTION PERIOD. UPON COMPLETION OF WORK, ALL TEMPORARY SEDIMENT CONTROL DEVICES SHALL BE REMOVED FROM THE SITE AND ANY COLLECTED SEDIMENTS FROM THE DEVICES AND CATCH BASINS SHALL BE DISPOSED OF LEGALLY AND IN KEEPING WITH THE INTENT OF THIS PLAN.
- ALL DEWATERING PUMPING MUST HAVE SEDIMENT AND EROSION CONTROL PROVISIONS TO MAINTAIN CLEAR WATER DISCHARGE.
- LAND DISTURBANCE SHALL BE KEPT TO A MINIMUM. ALL DISTURBED AREAS SHALL BE SEEDING AND MULCHED. APPLY GRASS SEED AT A RATE OF APPROXIMATELY 120 LBS/ACRE. SEED MIX WILL VARY FROM UPLAND TO WETLAND AREAS. MULCH AFTER SEEDING UPLAND AT A RATIO OF 1000 LBS/ACRE.
- EFFECTED PORTIONS OF OFFSITE ROADS MUST BE SWEEPED CLEAN WHEN REQUIRED OR AT LEAST ONCE A WEEK DURING CONSTRUCTION.
- ALL EROSION AND SEDIMENTATION CONTROL MEASURES WILL BE CONSTRUCTED IN ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS OF THE "CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL," DATED MAY 2002.

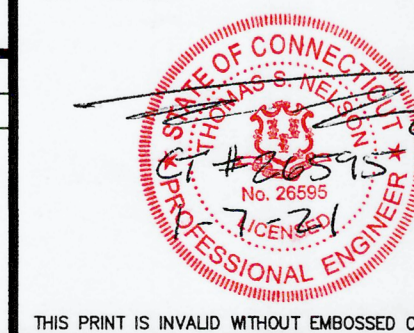
LEGEND

EXISTING	ITEM	PROPOSED
N.A.	DRIVEWAY DRAIN	50
440	STORM SEWER	440
337.9	CONTOUR	439.5
337.9	SPOT ELEVATION	439.5
N.A.	TREE TO REMAIN	N.A.
N.A.	DEEP TEST	1
N.A.	PERCOLATION TEST	2
N.A.	SILT FENCE	X

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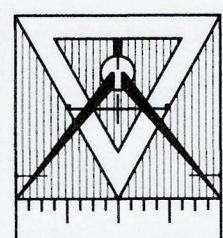
3	1-7-21	REVISED AND ISSUED TO INLAND WETLANDS COMMISSION
2	11-10-20	REVISED AND ISSUED TO INLAND WETLANDS COMMISSION
1	10-21-20	ISSUED TO THE HEALTH DEPARTMENT
NO.	DATE	REVISIONS AND SUBMISSIONS

SIGNATURE:



DRAWING NO:

SE1

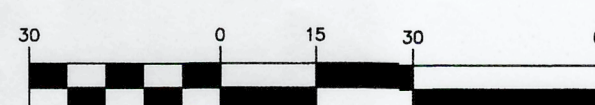


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PLAN PREPARED FOR
SANDRA CHEN-DAVIS
WILTON, CONNECTICUT

SEPTIC SYSTEM/SITE DEVELOPMENT PLAN
105 NOD HILL ROAD
WILTON, CONNECTICUT

JOB NO: 1102B-1 DATE: OCTOBER 21, 2020
DRAWN BY: DRS CHECKED BY: TSN, HMR
SCALE: 1" = 30'



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